

IN THE CLAIMS:

1.-4. (Cancelled)

3 ~~1~~. (Currently Amended) A composition, comprising the nucleic acid according to claim 2 ~~claim 4 or claim 46~~.

6.-10. (Cancelled)

4 ~~21~~. (Currently Amended) A vector comprising a nucleic acid according to any one of claim 2-4 ~~claim 4 or claim 46~~.

11/26/03 5 ~~12~~. (Original) <sup>An isolated</sup> ~~A~~ recombinant cell comprising a vector according to claim ~~21~~.

13.-14. (Cancelled)

6 ~~15~~. (Currently Amended) A kit for the detection of a human PTCH2 gene comprising in a container a nucleic acid according to any one of claims 2 or 4 ~~claim 4 or claim 46~~.

16.-43. (Cancelled).

1 ~~4~~. (Previously Presented) An isolated nucleic acid consisting of the sequence of SEQ ID NO: 5.

45. (Cancelled)

~~2~~ 46. (Previously Presented) An isolated nucleic acid encoding a protein consisting of SEQ ID NO: 1.

47. (Cancelled)